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Features:

☐ SNP☐ SNP graph☐ CDD☒ MGC☐ 1: [BM690735](#). Reports UI-E-CK0-aav-c-12...[gi:19003993]

Links

LOCUS BM690735 675 bp mRNA linear EST 28-FEB-2002

DEFINITION UI-E-CK0-aav-c-12-0-UI.r1 UI-E-CK0 Homo sapiens cDNA clone

UI-E-CK0-aav-c-12-0-UI 5', mRNA sequence.

ACCESSION BM690735

VERSION BM690735.1 GI:19003993

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.

REFERENCE 1 (bases 1 to 675)

AUTHORS Bonaldo,M.F., Lennon,G. and Soares,M.B.

TITLE Normalization and subtraction: two approaches to facilitate gene discovery

JOURNAL Genome Res. 6 (9), 791-806 (1996)

PUBMED 8889548

COMMENT Contact: Soares, MB

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Tissue Procurement: Dr. Gregg Hageman

cDNA Library preparation: Dr. M. Bento Soares, Univeristy of Iowa

cDNA Library Arrayed by: Dr. M. Bento Soares, Univeristy of Iowa

DNA Sequencing by: Dr. M. Bento Soares, Univeristy of Iowa

Clone Distribution: Researchers may obtain clones from Research  
Genetics ([www.resgen.com](http://www.resgen.com)).

Seq primer: M13 Reverse.

FEATURES Location/Qualifiers

source

1..675

/organism="Homo sapiens"

/mol\_type="mRNA"

/db\_xref="taxon:9606"

/clone="UI-E-CK0-aav-c-12-0-UI"

/tissue\_type="Retina Foveal and Macular"

/dev\_stage="adult"

/lab\_host="DH10B (Life Technologies) (T1 phage resistant)"

/clone\_lib="UI-E-CK0"

/note="Organ: eye; Vector: pT7T3-Pac (Pharmacia) with a  
modified polylinker; Site\_1: EcoR I; Site\_2: Not I;

UI-E-CK0 is a cDNA library containing the following tissue  
(s): Retina Foveal and Macular. The library was  
constructed according to Bonaldo, Lennon and Soares,  
Genome Research, 6:791-806, 1996. First strand cDNA  
synthesis was primed with an oligo-dT primer containing a  
Not I site. Double stranded cDNA was ligated to an EcoR I  
adaptor, digested with Not I, and cloned directionally



into pT7T3-Pac vector. The oligonucleotide used to prime the synthesis of first-strand cDNA contains a library tag sequence that is located between the Not I site and the (dT)18 tail. The sequence tag for this library is GTCC. This library was created for the program, Gene Discovery in the Visual System, supported by National Eye Institute (NEI)."

## ORIGIN

```
1  cacgaggcaa  atatagaaga  tcatgtactt  ggcaaccagt  aaattctgaa  gaaaaagaca
61  cttactttatt attaaaaccc  caaatgcaat  cagcgaaaca  tattttttact attcttggat
121 gatagtcaaa  atgatcataa  gccaggtttg  cttccacctt  ccctgaaaat  tttactcaca
181 gatcatttgc  aacaagcata  gcttacttat  tgttttaggga ctgaacaatt  tattgggaag
241 caaactcttt  atatgctaga  aagtacattt  aaaagatgac  tacttacgca  gggagatgca
301 ggtctctcta  aacgcatgaa  tgtatgtagt  gtgtaggcac  tgtagtgagt  gtatatatgc
361 tccacactac  gtctgataaa  cacaaacctc  agtattcagt  tattaggcac  actagtttta
421 tacgcaacta  ctgcttacat  agtagactgt  tttgttgcca  ataactcttg  aattgttctt
481 taaaagaaac  tgaggttcag  atacacatac  catggaaaaa  tcttactttt  cttgttacta
541 cacaaagcta  ttttaaagaa  gatgctatgt  tgggagaagg  gcgaagtgt  actatatgac
601 ataatcaatt  cctgtcttcc  acacagatga  acatgtcttc  ctataatact  tcagaatatt
661 tctcacacaa  cttta
```

//

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Aug 8 2005 15:12:56